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#### **Study Partners**

- California Energy Commission
- Southern California Edison
- Navigant Consulting
- Aspen Environmental Group

#### **Presentation Overview**

- Objectives
- Approach
- DRP Coordination
- Stakeholder Participation



## **Objectives**

- Analyze the value (cost/benefit) of DER and DER portfolios in meeting state energy policy objectives.
  - ✓ Greenhouse Gas Reduction
  - ✓ Maintaining System Safety and Reliability
  - ✓ Providing Net Benefits to Ratepayers
- Evaluate how project location (system and geographic) impacts the value of DER and DER portfolios.
- Identify barriers to DER development.



### **Approach**

- Evaluation of two pilot study areas on SCE's system using existing tools
  - ✓ Electricity System Analysis
    - Basecase Scenario
    - DER Deployment Scenarios
    - Identify needed system investments
    - Identify costs and values
  - ✓ Environmental / Land Use Evaluation
    - Identify land use constraints and opportunities
    - Feasibility of scenarios based on land use constraints
    - Apply scoring criteria to each DER deployment scenario
    - Identify environmentally preferred scenarios



#### **Coordination with DRP Proceeding**

- Parallel goals and objectives
  - ✓ Scenario based analysis
  - ✓ Integration capacity analysis
  - ✓ Locational value analysis

### Stakeholder participation

- 2015 IEPR Proceeding
- Transparent metrics and method for calculating value



## Contacts

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